

REMARKS

This is responsive to the Office Action mailed on August 14, 2006. In that Office Action, claims 1-3 were rejected under 35 USC 102(d) as being anticipated by the Bakhtiari et al. U.S. Patent 5,886,534.

Independent claims 1 and 2 have been amended eliminating the word "single", since the office has taken the position that the addition of this word does not place the claims in allowable form.

The Office Action traverses applicant's remarks in the previous response by alleging that Bakhtiari discloses signals from a single microwave antennae that both radiates to and receive signals reflective from an inspection object used for inspection referring to Figures 1 and 2, column 4, lines 56-58 and 65-67. However, upon a closer reading of Bakhtiari et al., the microwave antenna of Bakhtiari et al. is a completely different microwave antenna utilizing an open-ended waveguide configuration as illustrated in Figures 2a, 2b and 2c. Such open-ended waveguides are used to measure stationary objects such as thin sheet dielectrics for the inspection of defects in such dielectrics. As amended, independent claims 1 and 2 describe an antenna radiation system in which the antenna radiates to and receive signals reflected from mobile objects, such signals being used to provide position and shift of the mobile objects. Support for these amendments is found on page 1, lines 5-8.

In view of the above, it is respectfully requested that the rejection of claims 1-3 be withdrawn and the claims allowed.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

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